

**Notice of Allowability****Application No.**

10/706,515

**Examiner**

LI B. ZHEN

**Applicant(s)**

LUO ET AL.

**Art Unit**

2194

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment submitted on 08/01/2008 and interview on 10/14/2008.
2. ☒ The allowed claim(s) is/are 10,24,26,29-39 and 41-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 10/10/2008
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 20081014.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Li B. Zhen/  
Primary Examiner, Art Unit 2194

#### **DETAILED ACTION**

1. Claims 10, 24, 26, 29 - 39 and 41 - 50 are pending in the application. By this examiner's amendment, claims 10, 24 and 26 are amended.

#### **INTERVIEW SUMMARY**

2. During a telephone interview with Mr. Thomas K. Plunkett (Reg. No. 57,253) on October 14, 2008, examiner indicated that claims 10, 24 and 26 recite "computer-readable medium" that lacks antecedent basis in the specification. Mr. Plunkett authorized examiner to amend the claims to recite "computer-readable storage medium". In addition, examiner indicated that claim 24 would be allow over the prior if claim 24 is amended to include the allowable features of claim 10. Mr. Plunkett authorized examiner to make the discussed changes to the claims in an examiner's amendment.

#### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas K. Plunkett (Reg. No. 57,253) on October 14, 2008.

The application has been amended as follows:

- a. Claim 10, line 1, insert after "computer-readable" --storage--;
- b. Claim 26, line 1, insert after "computer-readable" --storage--; and
- c. Replace claim 24 with the following:

24. A computer-readable storage medium including instructions stored therein which when read and executed by a computer cause the computer to perform steps for processing an invocation at a dynamically generated wrapper, comprising:

receiving, from an application, a method invocation to a resource adapter;

calling a wrapper object for processing the method invocation wherein the wrapper object is dynamically generated from a resource adapter class;

initiating pre-processing by the wrapper object, wherein the wrapper object calls a pre-invocation handler configured to perform server side logic, wherein the server-side logic includes transaction processing logic;

forwarding the method invocation to the resource adapter by the wrapper object on behalf of the application;

receiving a result of the method invocation from the resource adapter by the wrapper object;

initiating post-processing by the wrapper object, wherein the wrapper object calls a post-invocation handler configured to perform server-side logic, wherein the server-side logic includes transaction management; and

providing the result to the application, thereby enabling the application to access vendor specific extension methods of the resource adapter;

wherein the wrapper object is dynamically generated at runtime by a wrapper factory on an application server;

wherein the superclass has a member variable to hold a vendor object, a non-argument constructor to instantiate the wrapper object, and an init method to initialize the wrapper object.

#### **CONTACT INFORMATION**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Li B. Zhen/  
Primary Examiner, Art Unit 2194

Li B. Zhen  
Primary Examiner  
Art Unit 2194